



# Ø BEAT



COLO. SPRINGS,  
COLORADO

J A N U A R Y 1 9 7 5

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CHANGE OF LOCATION FOR JANUARY MEETING - The January meeting of PPRAA will be held at the Ampex Corporation on east Highway 24. See details in the President's Report below.

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PRESIDENT'S REPORT - by Mike Stansberry, WBØHCK: As many of you know, Louie Preller, WØPCZ, has arranged a tour of the Ampex Corporation for PPRAA. This month we will have the Ampex tour instead of the regular meeting. We will meet in the Ampex building cafeteria at 7:30 PM Wednesday, January 8th. The cafeteria can be found by using the employee's entrance on the south side of the building. It will be the door furthest to the east. Louie or myself will be there to direct you. This should prove to be very interesting, so I urge everyone to attend. See you there!

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A REMINDER - PPRAA dues for 1975 are now due and payable. Under a new rule voted on and passed by club members at the December meeting, the new rates for dues are: \$6.00 for full members; \$4.00 for associate members; and additional family members will pay \$2.00. Dues may be paid at the meeting or by mailing a check to the club treasurer, Dean Jaynes, WAØPJH at 116 N. 24th Street, Colorado Springs, 80904.

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DECEMBER MINUTES - by Bart Hayhurst, WAØYOH, Secretary: The meeting was called to order by President Mike Stansberry, WBØHCK at 7:35 PM with 29 members and guests attending.....A motion was made, seconded and carried to accept the November minutes as printed in ZERO BEAT.....Dean Jaynes, WAØPHH, Treasurer reported new money in the treasury - current balance is \$296.86 with more dues collected at this meeting.....Chuck Myers, WAØZCS reported CCARC SET (Simulated Emergency Test) will be held on January 24-25 and Mike Stansberry has been appointed Emergency Coordinator by ARRL for this area.....Mike read Part 9 and the proposed Article 9 to the Bylaws as published in the November issue of ZERO BEAT, and it was put to a vote and passed.....A motion was made and seconded to raise dues and was passed. Club dues will now be, starting for 1975, \$6.00 for full members, \$4.00 for associate members and \$2.00 for additional family members.....Rosemarie Lewis, WAØMNL reported that 38 had paid for their Christmas Dinner Party reservation and all was in readiness.....Louie Preller, WØPCZ invited the club to have next months meet-

# ZERO BEAT

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R. Charles Smith, WAØZZS  
Editor, Phone 635-7353



Address all items and exchanges to:  
2611 No. Farragut Avenue  
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Ed Pompea, KØZPG, Business Manager  
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James DonCarlos, WØITU, Distribution  
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The PPRAA meets at 7:30 P.M. on the second Wednesday of each month in the Security Savings & Loan Building, East Platte at Union Boulevard.

## PPRAA DIRECTORS

### PRESIDENT

Mike Stansberry                      WBØHCK  
2732 E. Monument                      475-8650

### VICE PRESIDENT

Chuck Myers                              WAØZCS  
1120 Yosemite Dr,                      632-0848

### SECRETARY

Bart Hayhurst                              WAØYOH  
1219 Oswego                              635-1632

### TREASURER

Dean Jaynes                              WAØPJH  
116 N. 24th St.                              634-7097

### BOARD MEMBERS

Pete Demario                              KØUDG  
1310 Kingsley Dr.                              596-3633

James DonCarlos                              WØITU  
4118 Garret Place                              598-8930

Russ Ruggieri                              WBØGKF  
3929 E. San Miguel                              596-3039

Bob Tate                              WØJTZ  
4523 Palmer Park                              596-5002

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ing at Ampex Corporation, information as to where and when to meet to appear in January ZERO-BEAT.....Bill Krogan, WNØKSW reported novice school was going well and meeting every Tuesday and Wednesday in the Civil Defense rooms at the Colorado Springs Police Station.....Drawings were held with one of the grand prizes, a 1/4" electric drill being won by a new member, A.J. Hog-gins, WØNR, and the second grand prize, a fire extinguisher, was won by Louie Preller, WØPCZ.....After coffee break, James DonCarlos, WØITU gave the second half of a program on telephone trunk lines.....Meeting was adjourned at 10:00 PM.

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FM AREA REPORT - by Pete Demario, KØUDG, Chairman of Pikes Peak FM Committee: The FM repeater system has served well. Some of it has been retired and replaced with solid state equipment. Many have used the 146.37/97 MHz solid state machine while it operated in various places during some of its shake down tests. Hats off to the people who put the solid state repeater together and designed and installed the control logic and interfacing. A great job fellows. Well done!

The funds for the repeater system are exhausted. The upkeep on the 16/76 machine and construction of the 37/97 machine, including purchase of its antenna, results in a deficit of \$150.00. The 1975 dues should remedy this. 95% of the regular users paid their dues in 1974. Donations of parts, equip-ment and time were also received. Thank you all. Dues for 1975 remain at \$10.00. Think of it-just under 3¢ per day! Quite a bargain, wouldn't you

say? Repeaters in this system are privately owned, non-profit, and dedicated to public service. With your continued support we can maintain, update and keep the system abreast of the state of the art. Dues are payable from now through January 30th. A 30 day grace period is allowed for those new to the area.

Rules and guide lines are unchanged and correspond to accepted practices across the country. The system will remain "open" unless abuse forces going to private line. Commercial traffic is taboo. Please do NOT operate simplex on a repeater output. Profanity or obscene references of any kind are prohibited. This can cause loss of repeater privileges and Federal prosecution! The FM committee controls the repeater system, but please remember, the Amateur service aims to be self-policing. Each of us has the responsibility to cooperate. Keep the system open through common sense and courtesy. Many people monitor us and our image is shaped by what we say and how we say it.

146.16/76 MHz machine should be monitored by all. If you wish, make your contact here, then move off to a Simplex channel, or the 37/97 repeater, and leave the 16/76 frequency clear. If the contact is out of range, use the 16/76 machine, but pause frequently and listen for breaks. Acknowledge breaks at once.

Did you know we operate a 3/4th meter repeater on the mountain on 443.80 MHz input and 448.80 MHz output? For the present, the autopatch will be on the 37/97 machine. Give way promptly for any member wanting to use the patch. We are thinking about having a "Fuzz Buzz" which will enable you to call police, fire, or emergency ambulances by using only 2 or 3 buttons on your pad.

A 146.19/79 MHz repeater is operating in the Black Forest. It may be used for RTTY or any other type of legal work. This repeater belongs to Bob Shriner, WAØUZO. The Pikes Peak FM Committee has the responsibility for its upkeep.

Keep your suggestions and other input coming. I have and do appreciate them. Send them and your dues to: Pikes Peak FM Committee, 1310 Kingsley Drive, Colorado Springs, 80909.

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TRUCKERS RUNNING SCARED - The Interstate Commerce Commission, which is the regulatory agency with control over interstate trucking (and other transportation) has come out with a proposal to prohibit CB radios in trucks used in interstate commerce! CBers are upset beyond description. Manufacturers are frantic. Dealers are outraged. While the FCC is looking at the situation



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ion, the powerful ICC may lower the boom, perhaps having come to the conclusion that CB serves the reckless and dangerous trucker rather than the law-abiding operator over the highways.

## WESTPARK RADIOPS

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ARRL SIMULATED EMERGENCY TEST - by Mike Stansberry, WBØHCK: The time is near for the annual ARRL Simulated Emergency Test (SET). This is an exercise designed to test the radio amateurs and the National Traffic System (NTS) ability to move record traffic under severe overload conditions. The test will take place the weekend of January 25-26.

It is not difficult to participate, if even on a limited basis. I would urge all amateurs to originate a message to our Section Emergency Coordinator, Dick Schmidt, KØRLQ, indicating that you are participating in the SET. Also, originate at least two messages to friends and/or fellow hams that are out of this section (Colorado) and indicate the same. All test messages having a precedence of emergency, priority, or inquiry, should carry Test as part of the precedence. The handling instructions, HXB and the text of the message should begin with "Test Message".

For those who do not care or don't have the equipment to operate in phone or CW H.F. Nets, try 16/76 or 52 Simplex on 2 meter FM, for a station operating NTS Nets. Names, calls, and addresses of the SCM, SEC, EC and RM appear elsewhere in ZERO BEAT. Remember, the SET can only be effective if the system is loaded with traffic and only if we all pitch in and help. For any further information on the SET or on Colorado Nets, please contact me. See you the weekend of the SET!!

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CHRISTMAS DINNER PARTY REPORT - by Rosie Lewis, WAØMNL: 39 people attended the PPRAA Christmas Dinner Party and \$19.50 has been sent to the club treasurer. Eldon and I want to thank everyone that came. We enjoyed having the group, and as Eldon said, we couldn't have had the party without each one of you - you made the party!

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FOR SALE: Collins R-390A receiver, excellent condition and with manuals. \$475.00/offer. Phone George Crowder, W5QDE/Ø at 598-7387.

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WESTPARK RADIOPS EDITOR RESIGNS - It is with regret that I learned of the resignation of George Hinds, WB8JYR as editor of Cleveland, Ohio's WESTPARK RADIOPS NEWSLETTER. If it weren't for George and the timely news articles I obtain from his newsletter, ZERO BEAT in the past would have had several less pages. I also appreciated the personal notes to me he would send along with his newsletter. As far as I know, George will continue to be editor of the WR8ABC NEWSLETTER on which he has also done an excellent job, so perhaps not everything is lost yet!

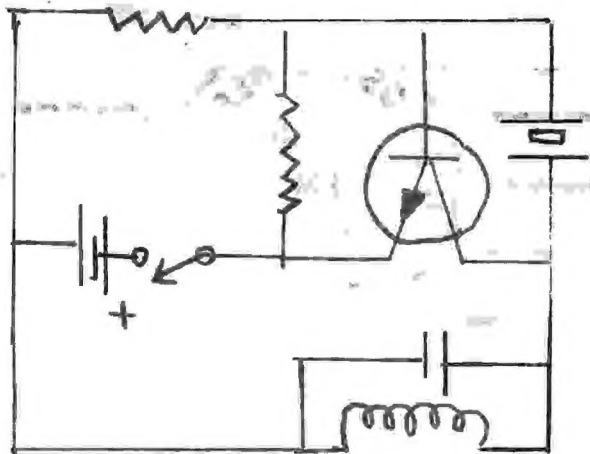
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KNOW YOUR CLUB TREASURER - by Rosie Lewis, WA0MNL: Dean Janes, WA0PJH, PPRAA club treasurer first moved to Colorado Springs in 1922, attended Steele Grade School and saw the first fireworks display by the AdAmAn Club from Pikes Peak in 1923. After working in Chicago during the 1930's, where he worked his way up from office boy to plant superintendent, the Janes family moved back to Colorado Springs where they purchased a motel and ran it for a number of years.

Dean holds an advanced ticket, but has been so busy since being retired that he has not had time to get his extra-class ticket. He has a couple of ranches in Black Forest complete with horses, but seldom gets to ride them either. As something extra, Dean has a deputy sheriff commission that is still in effect through Sheriff Sullivan.

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SIMPLE FREQUENCY MARKER OSCILLATOR - The circuit supports itself for stable operation and can readily be used as a frequency marker for MARS or for a band edge indicator.



Almost any junk box transistor can be used. you have a PNP rather than an NPN, use it and reverse the polarity of the battery. This marker can be built in a box 8 X 5 X 3" including the A battery. A micro switch makes a handy device for keying the marker.

The circuit lends itself to 144 MHz marker use as well. With the use of an 8 MHz crystal and a short antenna, the 18th harmonic can be utilized on 144 MHz. Now -- Build this gadget and you will have no trouble getting on the desired frequency.

MINNESOTA MARS NEWSLETTER

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BRaille DIALS FOR THE DRAKE LINE- A plant to manufacture braille dials for the Drake line has been set up by Vernon Page, W8EXJ. Vern was temporarily blind and found out the hard way what sightless amateurs have to contend with. Drake equipment is such that it is ideal for adding a braille disc to the dial. So far it has not been possible to manufacture a braille dial for other equipment because of the dial configuration. Vern's address is 1969 Manz Street, Muskegon, Michigan.

FLORIDA SKIP via AUTO-CALL

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CLEGG FM-27B PRODUCTION SOON TO STOP - With a new, fully synthesized FM rig in the making, the FM-27B will be discontinued in the near future. It is rumored the new "clickety-click" (not tunable, thank heavens) will provide 5KHz switching, may reach into the MARS and CAP region, have repeater split offsets and still have a price in the range of the 27B!

WESTPARK RADIOPS



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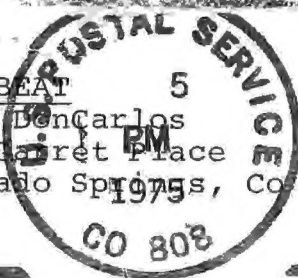
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